

Germany Airbag Systems Market Report and Forecast 2024-2032

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Report description:

Germany Airbag Systems Market Report and Forecast 2024-2032

Market Outlook

According to the report by Expert Market Research (EMR), the Germany airbag systems market size reached a value of nearly USD 1.90 billion in 2023. Aided by the increasing focus on vehicle safety and the growing advancements in airbag technologies, the market is projected to further grow at a CAGR of 5.60% between 2024 and 2032 to reach a value of around USD 3.11 billion by 2032.

Airbag systems are crucial safety components in modern vehicles, designed to deploy in the event of a collision to protect passengers from serious injuries. These systems consist of multiple components, including airbag modules, crash sensors, inflators, and electronic control units (ECUs). In Germany, a country known for its advanced automotive sector and stringent safety regulations, the airbag systems market has seen significant growth driven by continuous technological innovations and regulatory mandates aimed at enhancing vehicle safety.

The rising awareness about vehicle safety among consumers is driving the Germany airbag systems market growth. With the growing emphasis on reducing traffic fatalities and injuries, there has been a significant push towards the adoption of advanced safety systems in vehicles. This trend is further supported by government regulations and initiatives that mandate the inclusion of airbag systems in both passenger and commercial vehicles. Additionally, advancements in airbag technology, such as the development of smart airbags and the integration of advanced sensors and electronic control units, have further contributed to the increasing demand for airbag systems in the German market.

One of the key Germany airbag systems market trends is the increasing focus on vehicle safety. With rising concerns about road safety and the need to reduce traffic-related fatalities, there has been a significant emphasis on the adoption of advanced safety features in vehicles. Airbag systems play a critical role in enhancing occupant protection during collisions, thereby driving their demand in the automotive sector.

Moreover, stringent government regulations and safety standards are compelling automotive manufacturers to integrate advanced airbag systems in their vehicles. As per the Germany airbag systems market analysis, the European New Car Assessment Programme (Euro NCAP) and other safety regulatory bodies have set stringent guidelines for vehicle safety, including the mandatory inclusion of airbag systems. These regulations are driving automotive manufacturers to invest in the development

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and integration of advanced airbag technologies to comply with safety standards and enhance their vehicle safety ratings. Technological advancements in airbag systems are also contributing to the Germany airbag systems market expansion. The development of smart airbags, which can adjust the deployment force based on the severity of the collision and the position of the occupant, is gaining traction in the market. Additionally, the integration of advanced sensors and electronic control units in airbag systems is enhancing their performance and reliability, further driving their adoption in the automotive sector. Another significant trend is the rising focus on lightweight and compact airbag systems. Automotive manufacturers are increasingly adopting lightweight materials and innovative designs to reduce the overall weight of vehicles and improve fuel efficiency. As per the Germany airbag systems market outlook, this trend is driving the development of compact and lightweight airbag systems that can be easily integrated into modern vehicle designs without compromising on safety. The growing consumer preference for luxury and premium vehicles is also contributing to the Germany airbag systems market development. Luxury and premium vehicles are often equipped with advanced safety features, including multiple airbag systems, to enhance occupant protection and provide a superior driving experience. The increasing demand for luxury vehicles in Germany is driving the adoption of advanced airbag systems in the automotive sector.

Market Segmentation □

The market can be divided based on component type, coating type, vehicle type, and sales channel.

Market Breakup by Component Type

- Airbag Module
- Crash Sensor
- Monitoring Unit
- Others

Market Breakup by Coating Type

- Neoprene Coated
- Non-Coated
- Silicone Coated
- Others

Market Breakup by Vehicle Type

- Passenger Car
- Commercial Vehicle

Market Breakup by Sales Channel

- Original Equipment Manufacturer (OEM)
- Aftermarket

Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in the Germany airbag systems market. Some of the major players explored in the report by Expert Market Research are as follows:

- Robert Bosch GmbH
- Continental AG
- Denso Corporation
- Autoliv Inc.
- ZF Friedrichshafen AG
- Ningbo Joyson Electronic Corp. (Joyson Safety Systems)
- Daicel Corporation
- Ashimori Industry Co., Ltd
- Kolon Industries, Inc.

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Table of Contents:

- 1 Preface
- 2 Report Coverage - Key Segmentation and Scope
- 3 Report Description
 - 3.1 Market Definition and Outlook
 - 3.2 Properties and Applications
 - 3.3 Market Analysis
 - 3.4 Key Players
- 4 Key Assumptions
- 5 Executive Summary
 - 5.1 Overview
 - 5.2 Key Drivers
 - 5.3 Key Developments
 - 5.4 Competitive Structure
 - 5.5 Key Industrial Trends
- 6 Market Snapshot
- 7 Opportunities and Challenges in the Market
- 8 Global Airbag Systems Market Overview
 - 8.1 Key Industry Highlights
 - 8.2 Global Airbag Systems Historical Market (2018-2023)
 - 8.3 Global Airbag Systems Market Forecast (2024-2032)
 - 8.4 Global Airbag Systems Market Share by Region
 - 8.4.1 North America
 - 8.4.2 Europe
 - 8.4.3 Asia Pacific
 - 8.4.4 Latin America
 - 8.4.5 Middle East and Africa
- 9 Germany Airbag Systems Market Overview
 - 9.1 Key Industry Highlights
 - 9.2 Germany Airbag Systems Historical Market (2018-2023)
 - 9.3 Germany Airbag Systems Market Forecast (2024-2032)

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10 Germany Airbag Systems Market by Component Type

10.1 Airbag Module

10.1.1 Historical Trend (2018-2023)

10.1.2 Forecast Trend (2024-2032)

10.2 Crash Sensor

10.2.1 Historical Trend (2018-2023)

10.2.2 Forecast Trend (2024-2032)

10.3 Monitoring Unit

10.3.1 Historical Trend (2018-2023)

10.3.2 Forecast Trend (2024-2032)

10.4 Others

11 Germany Airbag Systems Market by Coating Type

11.1 Neoprene Coated

11.1.1 Historical Trend (2018-2023)

11.1.2 Forecast Trend (2024-2032)

11.2 Non-Coated

11.2.1 Historical Trend (2018-2023)

11.2.2 Forecast Trend (2024-2032)

11.3 Silicone Coated

11.3.1 Historical Trend (2018-2023)

11.3.2 Forecast Trend (2024-2032)

11.4 Others

12 Germany Airbag Systems Market by Vehicle Type

12.1 Passenger Car

12.1.1 Historical Trend (2018-2023)

12.1.2 Forecast Trend (2024-2032)

12.2 Commercial Vehicle

12.2.1 Historical Trend (2018-2023)

12.2.2 Forecast Trend (2024-2032)

13 Germany Airbag Systems Market by Sales Channel

13.1 Original Equipment Manufacturer (OEM)

13.1.1 Historical Trend (2018-2023)

13.1.2 Forecast Trend (2024-2032)

13.2 Aftermarket

13.2.1 Historical Trend (2018-2023)

13.2.2 Forecast Trend (2024-2032)

14 Market Dynamics

14.1 SWOT Analysis

14.1.1 Strengths

14.1.2 Weaknesses

14.1.3 Opportunities

14.1.4 Threats

14.2 Porter's Five Forces Analysis

14.2.1 Supplier's Power

14.2.2 Buyer's Power

14.2.3 Threat of New Entrants

14.2.4 Degree of Rivalry

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- 14.2.5 Threat of Substitutes
- 14.3 Key Indicators for Demand
- 14.4 Key Indicators for Price
- 15 Trade Data Analysis (HS Code - 870895)
 - 15.1 Major Importing Countries
 - 15.1.1 By Volume
 - 15.1.2 By Value
 - 15.2 Major Exporting Countries
 - 15.2.1 By Volume
 - 15.2.2 By Value
- 16 Competitive Landscape
 - 16.1 Market Structure
 - 16.2 Company Profiles
 - 16.2.1 Robert Bosch GmbH
 - 16.2.1.1 Company Overview
 - 16.2.1.2 Product Portfolio
 - 16.2.1.3 Demographic Reach and Achievements
 - 16.2.1.4 Certifications
 - 16.2.2 Continental AG
 - 16.2.2.1 Company Overview
 - 16.2.2.2 Product Portfolio
 - 16.2.2.3 Demographic Reach and Achievements
 - 16.2.2.4 Certifications
 - 16.2.3 Denso Corporation
 - 16.2.3.1 Company Overview
 - 16.2.3.2 Product Portfolio
 - 16.2.3.3 Demographic Reach and Achievements
 - 16.2.3.4 Certifications
 - 16.2.4 Autoliv Inc.
 - 16.2.4.1 Company Overview
 - 16.2.4.2 Product Portfolio
 - 16.2.4.3 Demographic Reach and Achievements
 - 16.2.4.4 Certifications
 - 16.2.5 ZF Friedrichshafen AG
 - 16.2.5.1 Company Overview
 - 16.2.5.2 Product Portfolio
 - 16.2.5.3 Demographic Reach and Achievements
 - 16.2.5.4 Certifications
 - 16.2.6 Ningbo Joyson Electronic Corp. (Joyson Safety Systems)
 - 16.2.6.1 Company Overview
 - 16.2.6.2 Product Portfolio
 - 16.2.6.3 Demographic Reach and Achievements
 - 16.2.6.4 Certifications
 - 16.2.7 Daicel Corporation
 - 16.2.7.1 Company Overview
 - 16.2.7.2 Product Portfolio
 - 16.2.7.3 Demographic Reach and Achievements

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- 16.2.7.4 Certifications
- 16.2.8 Ashimori Industry Co., Ltd
 - 16.2.8.1 Company Overview
 - 16.2.8.2 Product Portfolio
 - 16.2.8.3 Demographic Reach and Achievements
 - 16.2.8.4 Certifications
- 16.2.9 Kolon Industries, Inc.
 - 16.2.9.1 Company Overview
 - 16.2.9.2 Product Portfolio
 - 16.2.9.3 Demographic Reach and Achievements
 - 16.2.9.4 Certifications
- 16.2.10 Infineon Technologies AG
 - 16.2.10.1 Company Overview
 - 16.2.10.2 Product Portfolio
 - 16.2.10.3 Demographic Reach and Achievements
 - 16.2.10.4 Certifications
- 16.2.11 Others
- 17 Key Trends and Developments in the Market

List of Key Figures and Tables

1. Global Airbag Systems Market: Key Industry Highlights, 2018 and 2032
2. Germany Airbag Systems Market: Key Industry Highlights, 2018 and 2032
3. Germany Airbag Systems Historical Market: Breakup by Component Type (USD Billion), 2018-2023
4. Germany Airbag Systems Market Forecast: Breakup by Component Type (USD Billion), 2024-2032
5. Germany Airbag Systems Historical Market: Breakup by Coating Type (USD Billion), 2018-2023
6. Germany Airbag Systems Market Forecast: Breakup by Coating Type (USD Billion), 2024-2032
7. Germany Airbag Systems Historical Market: Breakup by Vehicle Type (USD Billion), 2018-2023
8. Germany Airbag Systems Market Forecast: Breakup by Vehicle Type (USD Billion), 2024-2032
9. Germany Airbag Systems Historical Market: Breakup by Sales Channel (USD Billion), 2018-2023
10. Germany Airbag Systems Market Forecast: Breakup by Sales Channel (USD Billion), 2024-2032
11. Major Importing Countries by Volume
12. Major Exporting Countries by Volume
13. Major Importing Countries by Value
14. Major Exporting Countries by Value
15. Germany Airbag Systems Market Structure

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